



DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
2000 NAVY PENTAGON  
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

5104  
Ser N455C/8U595336  
20 Feb 98

From: Chairman, Naval Radiation Safety Committee  
To: Commander, Marine Corps Logistics Bases

Subj: NAVAL RADIOACTIVE MATERIALS PERMIT NO. 10-67004-T2NP

Encl: (1 Naval Radioactive Materials Permit No 10-67004-T2NP,  
Amendment No. 1

1. Amendment No. 1 is provided because the NRC Sealed Source and Device Registry lists the maximum leak test periodicity for the nickel-63 sealed source used in the Automatic Chemical Agent Detector Alarm as twelve months vice six months.
2. Review enclosure (1) carefully to be sure that all conditions are understood. Changed conditions as a result of this amendment are denoted (A) for additions and (R) for revisions.
3. For further information contact NAVSEADET RASO, DSN 953-4692 commercial (757)887-4692.

P. K. BLAKE  
By direction

Copy to:  
US NRC Region II  
CMC (SD)  
NAVSEADET RASO

Recd 84  
MAR 4 1998

**NAVAL RADIOACTIVE MATERIALS PERMIT**

*Pursuant to the authority stated in OPNAVINST 6470.3, Naval Radiation Safety Committee, and in reliance on statements made by the applicant, permission is hereby granted for the acquisition, receipt, possession, use, storage and disposal of radioactive materials listed below subject to the conditions listed in this permit.*

<b>1 - COMMAND</b>       COMMANDER MARINE CORPS LOGISTICS BASES 814 RADFORD BOULEVARD ALBANY, GA 31704-1128	<b>2 - PERMIT NO.</b>  10-67004-T2NP
	<b>3 - AMENDMENT NO.</b>  1
	<b>4 - DOCKET NO.</b>
	<b>5 - EXPIRATION DATE</b>  31 January 2003

**6 - RADIOACTIVE MATERIAL**

A. Nickel-63

**7 - CHEMICAL/ PHYSICAL FORM**

A. Sealed Sources  
 (New England  
 Nuclear Model  
 NER-004R or  
 Amersham  
 Corporation Model  
 Numbers NBC or  
 NBCD)

**8 - MAXIMUM QUANTITY AUTHORIZED**

A Not to exceed  
 15 millicuries  
 per source,  
 30,000  
 millicuries  
 total.

**9. Authorized Use**

A. For use in the Detector Unit M88 of the Automatic  
 Chemical Agent Detection Alarm (ACADA).

**CONDITIONS**

10. Changed conditions as a result of this amendment are denoted by (A) for additions and (R) for revisions. (A)
11. Radioactive material shall be used by military and civilian personnel within the Department of the Navy on Department of Defense temporary job sites worldwide.

**NAVAL RADIATION SAFETY COMMITTEE**

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.**

10-67004-T2NP

**AMENDMENT NO.**

1

**CONDITIONS (Continued)**

12. The Radiation Safety Officer for the activities authorized by this permit is Sharon Stilmack. The Assistant Radiation Safety Officer for the activities authorized by this permit is Odis Gentry.
13. The command's Radioactive Materials Permit application along with submitted procedures and information contained in the application package are considered an integral part of this Permit. The command shall maintain a copy of its application package on file with this Naval Radioactive Materials Permit.
14. The command shall comply with and maintain current copies of the following:
  - a. Title 10, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections", Part 20, "Standards for Protection Against Radiation", Part 21 "Reporting of Defects and Non-Compliance", Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material", and Part 71, "Packaging and Transportation of Radioactive Material".
  - b. OPNAVINST 6470.3, Naval Radiation Safety Committee.
  - c. NAVMED P-5055, Radiation Health Protection Manual.
  - d. OPNAVINST 3100.6, Special Incident Reporting Procedures.

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.**

10-67004-T2NP

**AMENDMENT NO.**

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## CONDITIONS (Continued)

- e. NAVSEA S0420-AA-RAD-010, Radiological Affairs Support Program Manual.
- f. Title 49, Code of Federal Regulations, Parts 171-180, "Hazardous Materials Regulations".
- 15. The command shall maintain records for review by the Naval Radiation Safety Committee sufficient to document operational compliance with the above requirements and other conditions of this Permit.
- 16. Radioactive material shall be used by designated personnel who have completed training as specified in the application dated 18 December 1997. Records of designated individuals and training shall be maintained by the Radiation Safety Officer.
- 17. a. (1) The source specified in Item 7 shall be tested for leakage and/or contamination at intervals not to exceed twelve months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within twelve months before the transfer shall not be put into use until tested. (R)
- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material.

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.**

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**AMENDMENT NO.**

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**CONDITIONS (Continued)**

- b. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
  - c. The test shall be capable of detecting the presence of 0.005 microcuries of radioactive material on the test sample. If the test reveals the presence of 0.005 microcuries or more of removable contamination, the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Nuclear Regulatory Commission regulations. An OPREP-3 NAVY BLUE REPORT shall be made in accordance with OPNAVINST 3100.6. NAVSEASYS COM (SEA-07R) and NAVSEADET RASO will be information addressees to the OPREP-3 NAVY BLUE REPORT.
  - d. Records of leak test results shall be kept in units of microcuries and shall be maintained by the Radiation Safety Officer for inspection by the Naval Radiation Safety Committee.
  - e. Test for leakage and/or contamination shall be performed by MARCORLOGBASES Albany or by a person specifically licensed by the Nuclear Regulatory Commission or an Agreement State to perform such services.
18. Sealed sources or detector cells containing radioactive material shall not be opened or sources removed from source holders. Malfunctioning devices that cannot be repaired by specified operator procedures shall be returned to the U.S. Army Chemical and Biological Defense Command, Aberdeen Proving Grounds, Maryland.

**SUPPLEMENTARY SHEET**  
**Naval Radiation Safety Committee**  
**Radioactive Materials Permit**

**PERMIT NO.**

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CONDITIONS (Continued)

19. The command shall conduct a physical inventory every six months to account for all sources and/or devices received and possessed under this permit. Records of inventories shall be maintained by the Radiation Safety Officer and retained for five years from the date of each inventory.
20. HAZMAT employees as defined in 49 CFR, Part 171.8, shall be trained per 49 CFR, Subpart H - Training, including testing and documentation.
21. Notification of radiation incidents as defined in 10 CFR 20.2202, notification of a defect or failure to comply as defined in 10 CFR 21, notification of excessive radiation levels or contamination on packages monitored pursuant to 10 CFR 20.1906, notification of theft or loss of radioactive material under circumstances which may result in exposure to persons in unrestricted areas as defined in 10 CFR 20.2201 or notification of incidents defined in 10 CFR 30.50 shall be made by OPREP-3 NAVY BLUE REPORT in accordance with OPNAVINST 3100.6. NAVSEASYS COM (SEA-07R) and NAVSEADET RASO will be information addressees to the OPREP-3 NAVY BLUE REPORT. Notification shall be in lieu of any notification required by 10 CFR.
22. Notification of exposures, radiation levels, and concentrations of radioactive material exceeding the limits defined in 10 CFR 20.2203, theft or loss of radioactive material defined in 10 CFR 20.2201, and follow-up reports required by 10 CFR 30.50 shall be reported in writing within 15 days to CNO (N45), NAVSEASYS COM (SEA-07R) and NAVSEADET RASO. Notification to addressees above shall be in lieu of any notification required by 10 CFR.



**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.**

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**CONDITIONS (Continued)**

23. Except as specifically provided otherwise by this permit, the command shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the command's application and correspondence are more restrictive than the regulations.

a. Letters: 5104 Code 136 of 18 December 1997.

DATE: 20 Feb 98P. K. BLAKE

Captain, MSC, USN

Executive Secretary

Naval Radiation Safety Committee



UNITED STATES MARINE CORPS

MARINE CORPS LOGISTICS BASES

814 RADFORD BOULEVARD

ALBANY, GEORGIA 31704-1128

IN REPLY REFER TO:

5104

Code 136

18 Dec 97

From: Commander  
To: Officer in Charge, Naval Sea Systems Command Detachment,  
Radiological Affairs Support Office (RASO), Yorktown, VA

Subj: NAVY RADIOACTIVE MATERIALS PERMIT APPLICATION

Ref: (a NAVSEA S0420-AA-RAD-010

Encl: 1 US Navy Radioactive Materials Permit Application for  
the ALARM, CHEMICAL AGENT, AUTOMATIC: M22(2 copies)

1. In accordance with the reference, the enclosure is forwarded for your approval. A priority review is requested as the ALARM, CHEMICAL AGENT, AUTOMATIC: M22 is mission essential for the chemical and biological readiness of the United States Marine Corps.

2. Point of contact is Sharon Stilmack at DSN 567-6213/6215 or e-mail stilmacks@ala.usmc.mil.

*S. R. Stilmack*  
S. R. STILMACK  
By direction

Copy to:  
CMC (SD)





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*S. R. Stilmack*  
S. R. STILMACK  
By direction

Copy to:  
CMC (SD)

(10-94)  
10 CFR 30, 32, 33  
34, 35, 36, 39 and 40

## APPLICATION FOR MATERIAL LICENSE

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-8 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

## APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

## ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

## IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,  
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,  
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION  
NUCLEAR MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO  
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA.  
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
101 MARIETTA STREET, NW, SUITE 2900  
ATLANTA, GA 30323-0199

## IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN.  
SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
801 WARRENVILLE RD.  
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,  
LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA,  
OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH,  
WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-6064

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

## THIS IS AN APPLICATION FOR (Check appropriate item)

- ☒ A NEW LICENSE  
☐ B AMENDMENT TO LICENSE NUMBER \_\_\_\_\_  
☐ C RENEWAL OF LICENSE NUMBER \_\_\_\_\_

## 2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)

Commander  
Marine Corps Logistics Bases  
814 Radford Blvd  
Albany GA 31704-1128

## 3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

US Navy and US Marine Corps Activities and Installations Worldwide

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Sharon R. Stilmack

TELEPHONE NUMBER  
(912)439-6213/6215

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL. a. Element and mass number; b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
9. FACILITIES AND EQUIPMENT	10. RADIATION SAFETY PROGRAM.
11. WASTE MANAGEMENT.	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY AMOUNT ENCLOSED \$
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.	

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE  
S. R. Stilmack, LRSO, By direction

SIGNATURE

*S. R. Stilmack*

DATE

Dec 18 1997

## FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	